

National Groundwater Association (NGWA) ONLINE Classes - 32 hours available

Date	Contact hours	Cost	Event Name	Location	Website Link or Contact Information	Audience
On Demand	1	\$29 - \$49	Borehole Logging	Online	https://www.pathlms.com/ngwa/courses/20523	WD, PI
On Demand	1	\$29 - \$49	Chemicals and Techniques Used for Well Development	Online	https://www.pathlms.com/ngwa/courses/20524	WD, PI
On Demand	1	\$29 - \$49	Chromate Removal, the Ins and Outs of Available Technology	Online	https://www.pathlms.com/ngwa/courses/30888	WD, PI
On Demand	1	\$29 - \$49	Drilling Chemicals and Rehabilitation Technologies	Online	https://www.pathlms.com/ngwa/courses/20515	WD, PI
On Demand	3.5	\$87 - \$147	Drilling Mud Quality, Additives, and Mixing Course	Online	https://www.pathlms.com/ngwa/courses/21836	WD, PI
On Demand	1	\$29 - \$49	Geothermal Operations: Applying Groundwater Expertise	Online	https://www.pathlms.com/ngwa/courses/20509	WD, PI
On Demand	1.5	\$58 - \$98	Introduction to Groundwater Resources	Online	https://www.pathlms.com/ngwa/courses/20049	WD, PI
On Demand	1	\$25 - \$30	Introduction to Motor Failure Analysis	Online	https://www.pathlms.com/ngwa/courses/22281	PI
On Demand	1	\$29 - \$49	Iron Bacterial Remediation	Online	https://www.pathlms.com/ngwa/courses/30930	WD, PI
On Demand	1	\$29 - \$49	Not Just a Bolt-On; Integrating Safety into Operational Excellence	Online	https://www.pathlms.com/ngwa/courses/30943	WD, PI
On Demand	1	\$29 - \$49	Oh, no, I have to Work with an Engineer	Online	https://www.pathlms.com/ngwa/courses/20511	WD, PI
On Demand	1	\$29 - \$49	PFAS: Educating the Contractor and Customer	Online	https://www.pathlms.com/ngwa/courses/27088	WD, PI
On Demand	1	\$29 - \$49	Pump Curves: What They Tell You and How to Use Them	Online	https://www.pathlms.com/ngwa/courses/20518	WD, PI
On Demand	2	\$87 - \$147	Safe Practice in the Groundwater Industry	Online	https://www.pathlms.com/ngwa/courses/20050	WD, PI
On Demand	1	\$25 - \$30	Solar Water Systems - Solutions off the Grid	Online	https://www.pathlms.com/ngwa/courses/22284	WD, PI
On Demand	1	\$29 - \$49	Sustainable Removal of Iron Clogging in Boreholes	Online	https://www.pathlms.com/ngwa/courses/30952	WD, PI
On Demand	1	\$29 - \$49	Tannins and Natural Organic Matter: What Contractors Need to Know	Online	https://www.pathlms.com/ngwa/courses/20516	WD, PI
On Demand	1	\$29 - \$49	The Multiple Challenges of Unused Wells	Online	https://www.pathlms.com/ngwa/courses/30934	WD, PI
On Demand	1	\$29 - \$49	3 Fields of Science That Can Influence the Life Cycle of a Water Well: Geology, Chemistry, and Microbiology	Online	https://www.pathlms.com/ngwa/courses/30954	WD, PI
On Demand	1	\$29 - \$49	Treat Muddy Drilling Water by Using a Sediment Filter Bag as a BMP	Online	https://www.pathlms.com/ngwa/courses/30957	WD
On Demand	1	\$29 - \$49	Water Well Maintenance - Maintaining Production and More Consistent Quality	Online	https://www.pathlms.com/ngwa/courses/30960	WD, PI
On Demand	1	\$29 - \$49	Well Design Basics	Online	https://www.pathlms.com/ngwa/courses/20520	WD
On Demand	1	\$29 - \$49	Well Disinfection	Online	https://www.pathlms.com/ngwa/courses/20522	WD, PI
On Demand	1	\$29 - \$49	Working in a Surface Mine	Online	https://www.pathlms.com/ngwa/courses/30962	WD, PI
On Demand	4	\$87 - \$147	Water Well Design by the Numbers	Online	https://www.pathlms.com/ngwa/courses/22360	WD, PI

Goulds Water Technology - Free Classes - 4 hours available

On Demand	1.5	Free	Goulds Water Technology - Basic Water Systems Training	Online	https://goulds.com/e-learning/e-learning-course-descriptions/	WD, PI
On Demand	1.5	Free	Variable Frequency Drives	Online	https://goulds.com/e-learning/e-learning-course-descriptions/	PI

CEUs for Well Drillers (WD) and/or Pump Installers (PI) in Iowa Updated 2/9/22

On Demand	1	Free	Introduction to Vertical Turbine Pumps	Online	https://goulds.com/e-learning/e-learning-course-descriptions/	PI
International School of Well Drilling Classes - 14 hours available						
On Demand	1	\$39.95	Aquifer Storage and Recovery	Online	https://www.welldrillingschool.com/courses/asr-course/	WD
On Demand	1	\$39.95	Basic Geology	Online	https://www.welldrillingschool.com/courses/basic-geology/	WD, PI
On Demand	1	\$39.95	Drilling Methods I	Online	https://www.welldrillingschool.com/courses/drilling-methods-i/	WD
On Demand	1	\$39.95	Drilling Methods II	Online	https://www.welldrillingschool.com/courses/drilling-methods-ii/	WD
On Demand	1	\$39.95	Drilling Methods III	Online	https://www.welldrillingschool.com/courses/drilling-methods-iii/	WD
On Demand	1	\$39.95	Drilling Safety	Online	https://www.welldrillingschool.com/courses/drilling-safety/	WD
On Demand	1	\$39.95	Geothermal Heating and Cooling Systems I	Online	https://www.welldrillingschool.com/courses/geothermal-heating-and-cooling-systems-1/	WD
On Demand	1	\$39.95	Geothermal Heating and Cooling Systems II	Online	https://www.welldrillingschool.com/courses/geothermal-heating-and-cooling-systems-ii/	WD
On Demand	1	\$39.95	Groundwater Basics	Online	https://www.welldrillingschool.com/courses/groundwater-basics/	WD, PI
On Demand	1	\$39.95	Introduction to Pumps	Online	https://www.welldrillingschool.com/courses/introduction-to-pumps/	WD, PI
On Demand	1	\$39.95	Well Abandonment	Online	https://www.welldrillingschool.com/courses/generic-well-abandonment-for-all-states/	WD, PI
On Demand	1	\$39.95	Well Development	Online	https://www.welldrillingschool.com/courses/well-development/	WD, PI
On Demand	1	\$39.95	Well Rehabilitation I	Online	https://www.welldrillingschool.com/courses/well-rehabilitation-i/	WD, PI
On Demand	1	\$39.95	Well Rehabilitation II	Online	https://www.welldrillingschool.com/courses/well-rehabilitation-ii/	WD, PI
Conferences and In-Person Learning						
Nov. 4, 2021	3	\$50	Iowa Groundwater Association Fall 2021 Conference	Virtual	https://www.igwa.org/	WD/PI
Nov. 15-16, 2021	4.5	\$25	Environmental Professionals of Iowa Symposium	Johnston, IA -	http://epiowa.org/page.asp?id=36	WD/PI
Nov. 30, 2021	2	Free	Private Well: Wellhead and Source Water Protection	Virtual Zoom	https://www.dmacc.edu/programs/water/operator-training/Pages/grade-a-classes.aspx	WD/PI
Dec. 7-8, 2021	TBD	TBD	2021 NGWA Groundwater Summit	Virtual	https://pheedloop.com/Summit2021/site/home/	WD
Dec. 14-16, 2021	13	\$200 - \$350 (whole conference)	Groundwater Week 2021: Navigating the Future	Nashville, TN and Virtual	https://groundwaterweek.com/	WD/PI
Dec. 20, 2021	2	Free	Private Well Testing Best Practices and Proper Sampling	Virtual Zoom	https://www.dmacc.edu/programs/water/operator-training/Pages/grade-a-classes.aspx	WD/PI
Jan. 27-28, 2022	10.5	\$160-\$345 (whole conference)	Iowa Well Water Association Annual Conference @ Prairie Meadows	Altoona, IA	https://www.iwwa.org/water-well-education	WD/PI

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Jan. 31 - Feb 1, 2022	4	\$240-\$400	Minnesota Water Well Association 100th Tradeshow and Convention	Minneapolis, MN	https://mwwa.org/event-4489259	WD/PI
Feb. 10-11, 2022	6	\$225-\$320 (full conference or Friday only)	Illinois Association of Groundwater Professionals	East Peoria, IL	https://www.iagp.org/event-4527135	WD/PI
Feb. 23-24, 2022	11	\$300-\$460 (whole conference)	Iowa Geothermal Association 2022 Annual Conference @ Prairie Meadows	Altoona, IA	https://www.iowageothermal.org/events/	WD/PI
Mar. 11, 2022	4	Free (for customers)	Preferred Pump and Equipment	Park Event Center 500 Division Street Waite Park, MN 56387	In person registration - day of event, Skip Lock, 218-824-0410	PI
Mar. 24, 2022	4	TBD	2022 First Supply Pump Show	Onalaska, WI	https://www.firstsupply.com/events	PI